

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

January 20, 2004

Docket Number: SUPPLEMENTAL INFORMATION 11443/173 DISCLOSURE STATEMENT Examiner Application Number Filing Date

10/761,491 Invention Title

ELECTROMECHANICAL DRIVER AND REMOTE SURGICAL INSTRUMENT ATTACHMENT HAVING COMPUTER ASSISTED CONTROL CAPABILITIES

Inventor(s) Michael P. Whitman

Eduardo C. Robert

Art Unit

3732

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Signature:

- In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the I. procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant hereby bring the following references to the attention of the Examiner. The references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. 1.56(b).
- Copies of each U.S. patent and publication listed on the modified PTO Form No. 1449 are not II. enclosed since the present application was filed after June 30, 2003. Copies of the foreign patent applications and other information listed on the modified PTO Form No. 1449 are enclosed.

The Commissioner is hereby authorized to charge payment of the 37 C.F.R. §1.17(p) III. (submission of an information disclosure statement under §1.97(c)) fee of \$180.00 and any additional fees that may be required to the deposit account of Kenyon & Kenyon, deposit account number 11-0600. A duplicate copy of this communication is enclosed for charging purposes.

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RADE PLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTY. DOCKET NO. 11443/173	SERIAL NO. 10/761,491
APPLICANT Michael P. Whitman	
FILING DATE January 20, 2004	GROUP 3732

U. S. PATENT DOCUMENTS

EXAM. INITIAL	PATENT/ PUBLICATION NUMBER	NAME	PATENT/ PUBLICATION DATE	CLASS	SUBCLASS	FILING DATE
	1,798,902	E. M. Raney	March 31, 1931			
	2,031,682	R. H. Wappler et al.	February 25, 1936			
	2,174,219	A. Balma	September 26, 1939			
	2,246,647	R. Vancura	June 24, 1941			
	2,419,045	C. C. Whittaker	April 15, 1947			
	2,725,628	W. J. O'Neilly et al.	December 6, 1955			
	3,120,845	D. B. Homer	February 11, 1964			
	3,193,165	M.G. Akhalaya, et al.	July 6, 1965			
	3,252,643	A. A. Strekopytov et al.	May 24, 1966			
	3,253,643	A.R. Gudheim	May 31, 1966			
	3,275,211	L.C. Hirsch et al.	September 27, 1966			
	3,315,863	T.M. O'Dea	April 25, 1967			
	3,317,105	G.V. Astafiev, et al.	May 2, 1967			
	3,388,847	V.S. Kasulin, et al.	June 18, 1968			
	3,490,576	A.J. Alessi, et al.	January 20, 1970			
	3,490,675	D.T. Green, et al.	January 20, 1970			
	3,494,533	D.T. Green, et al.	February 10, 1970			
	3,499,591	D. T. Green	March 10, 1970			
	3,552,626	G.V. Astafiev, et al.	January 5, 1971			
	3,589,589	E.M. Akopov	June 29, 1971			
·	3,593,903	G.V. Astafiev, et al.	July 20, 1970			
	3,638,652	J.L. Kelley	February 1, 1972			
	3,643,851	D. T. Green	February 22, 1972			
	3,662,939	G.W. Bryan	May 16, 1972			
	3,675,688	Bryan et al.	July 11, 1972			
	3,692,224	G.V. Astafiev, et al	September 19, 1972			
	3,717,294	D. T. Green	February 20, 1973			
	3,735,762	Bryan et al.	May 29, 1973			
	3,777,538	Weatherly et al.	December 11, 1973			
	3,788,303	Hall	January 29, 1974			

EXAM. INITIAL	PATENT/ PUBLICATION NUMBER	NAME	PATENT/ PUBLICATION DATE	CLASS	SUBCLASS	FILING DATE
	3,795,034	• A.A. Strekopytov, et al.	March 5, 1974	-		
-	3,815,476	D.T. Green, et al.	June 11, 1974			
	3,819,100	Noiles et al.	June 25, 1974			
	3,837,555	Green	September 24, 1974			
-	3,844,289	Noiles et al.	October 29, 1974			
	3,882,854	Hulka et al.	May 13, 1975			
	3,892,228	Mitsui	July 1, 1975			
	3,935,981	Akopov, et al.	February 3, 1976			
	3,949,924	Green	April 13, 1976	~ .		
	4,014,492	Rothfuss	March 29, 1977			**********
•	4,027,510	Hiltebrandt	June 7, 1977			
	4,060,089	Noiles	November 29, 1977			
-	4,064,881	Meredith	December 27, 1977			
	4,086,926	Green et al.	May 2, 1978			
	4,092,986	Schneiderman	June 6, 1978			
	4,111,206	Vishnevsky, et al.	September 5, 1978			
******	4,169,476	Hiltebrandt	October 2, 1979			
	4,198,982	Fortner, et al.	April 22, 1980			
	4,202,479	Razgulov, et al.	May 13, 1980			,
	4,202,480	Annett	May 13, 1980			
	4,207,873	Kruy	June 17, 1980			
	4,207,898	Becht	June 17, 1980		Y = -1	
	4,244,372	Kapitanov, et al.	January 13, 1981			
	4,261,244	Becht, et al.	April 14, 1981			
	4,273,129	Boebel	June 16, 1981			
	4,296,881	Lee	October 27, 1981			
	4,304,236	Conta et al.	December 8, 1991			
	4,319,576	Rothfuss	March 16, 1982			
	4,325,377	Boebel	April 20, 1982			
	4,349,028	Green	September 14, 1982			
	4,354,628	Green, David T.	October 19, 1982			
	4,383,634	Green	May 17, 1983			
·	4,391,401	Moshofsky	July 5, 1983			
	4,402,445	Green	September 6, 1983			
	4,461,305	Cibley	July 24, 1984			
	4,473,077	Noiles, et al.	September 25, 1984			
	4,489,875	Crawford, et al.	December 25, 1984			
· - · -	4,506,670	Crossley	March 26, 1985			
	4,506,671	Green	March 26, 1985			

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	4,513,746	· Aranyi, et al.	April 30, 1985	 		
· · · · · · · · · · · · · · · · · · ·	4,519,532	Foslien	May 28, 1985	-		
-	4,527,724	Kapitanov, et al.	January 13, 1981	T		
	4,534,352	Korthoff	August 13, 1985			
	4,566,620	Green et al.	January 28, 1986	 		
	4,573,622	Green et al.	March 4, 1986	<u> </u>		
	4,589,416	Green	May 20, 1986	1		
	4,589,582	Bilotti	May 20, 1986		<u> </u>	
	4,591,085	Di Giovanni	May 27, 1986			
	4,607,638	Crainich	August 26, 1986			
,	4,633,861	Chow, et al.	Jan. 6, 1987			
	4,633,874	Chow, et al.	Jan. 6, 1987			
2	4,643,190	Heimberger	February 17, 1987			
	4,657,017	Sorochenko	April 14, 1987			
· ·	4,664,305	Blake, III et al.	- May 12, 1987	10		- 0
	4,669,471	Hayashi	June 2, 1987			
	4,688,555	Wardle	August 25, 1987			
	4,714,187	Green	December 22, 1987			
	4,715,502	Salmon	December 29, 1987			
	4,728,020	Green, et al.	March 1, 1988			,
	4,763,669	Jaeger	August 16, 1988			
i i	4,767,044	Green	August 30, 1988	10		A T
	4,805,823	Rothfuss	February 21, 1989			
	4,819,853	Green	April 11, 1989			
	4,841,888	Mills, et al.	June 27, 1989			
	4,848,637	Pruitt	July 18, 1989			
	4,858,608	McQuilkin	August 22, 1989			
	4,863,088	Redmond, et al.	September 5, 1989			
	4,887,612	Esser, et al.	December 19, 1989			
	4,919,152	Ger	April 24, 1990			
	4,932,960	Green et al.	June 12, 1990			
	4,941,623	Pruitt	July 17, 1990			
	4,944,093	Falk	July 31, 1990			
	4,944,443	Oddsen, et al.	July 31, 1990			
	4,955,959	Tompkins, et al.	September 11, 1990			
	4,977,900	Fehling, et al.	December 18, 1990			
	4,978,049	Green	December 18, 1990		_	
	4,991,764	Mericle	February 12, 1991			
	5,018,657	Pedlick, et al.	May 28, 1991			

EXAM. INITIAL	PATENT/ PUBLICATION NUMBER	NAME	PATENT/ PUBLICATION DATE	CLASS	SUBCLASS	FILING DATE*
	5021.814	Tompkins, et al.	July 16, 1991	<u> </u>		
	5,031,814		December 10, 1991			
	5,071,430		April 28, 1992			
	5,108,391	Flachenecker, et al.		<u> </u>		
	5,119,983	Green et al.	June 9, 1992	+		
	5,156,315	Rose	October 27, 1992	 		
	5,157,837	Green	October 20, 1992		 	
	5,158,222	Green	October 27, 1992	-	 	
	5,170,925	Madden, et al.	December 15, 1992	ļ		-
	5,173,133	Morin, et al.	December 22, 1992	 	 	
	5,217,460	Knoepfler	June 8, 1993			
•	5,253,793	Green	October 19, 1993			ļ
	5,254,117	Rigby, et al.	October 19, 1993	<u> </u>		
-	5,258,004	Bales, et al.	November 2, 1993			
***************************************	5,275,609	Pingleton, et al.	January 4, 1994			
	5,290,303	Pingleton, et al.	March 1, 1994			
	5,292,053	Bilotti, et al.	March 8, 1994			
	5,295,990	Levin	March 22, 1994			
	5,300,087	Knoepfler	April 5, 1994			
	5,312,434	Crainich	May 17, 1994			
	5,318,221	Green, et al.	June 7, 1994			
	5,320,627	Sorensen, et al.	June 14, 1994			
	5,322,055	Davison, et al.	June 21, 1994			
	5,324,288	Billings, et al.	June 28, 1994			
	5,324,300	Elias, et al.	June 28, 1994			
	5,330,471	Eggers	July 19, 1994			
	5,336,229	Noda	August 9, 1994			
	5,342,381	Tidemand	August 30, 1994			
-	5,352,222	Rydell	October 4, 1994			
	5,352,223	McBrayer, et al.	October 4, 1994			
	5,352,235	Koros, et al.	October 4, 1994			
	5,356,408	Rydell	October 18, 1994	- 		
	5,364,409	Kuwabara, et al.	November 15, 1994	<u> </u>		1
		Geiste	November 22, 1994			
	5,366,133	Noda	November 22, 1994	-		1
	5,366,476	Hildwein, et al.	February 21, 1995			1
	5,391,156		March 7, 1995	_		
	5,395,369	McBrayer, et al.		-		
	5,396,900	Slater, et al.	March 14, 1995			
	5,397,046	Savage, et al.	March 14, 1995			
	5,425,705	Evard, et al.	June 20, 1995			

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	5,425,745	Green, et al.	June 20, 1995			
	5,456,684	Schmidt, et al.	October 10, 1995			
	5,464,404	Abela, et al.	November 7, 1995			
	5,465,894	Clark, et al.	November 14, 1995			<u> </u>
	5,476,206	Green, et al.	December 19, 1995			
	5,482,054	Slater, et al.	January 9, 1996			
	5,496,317	Goble, et al.	March 5, 1996			
	5,514,134	Rydell, et al.	May 7, 1996			<u> </u>
	5,520,634	Fox, et al.	May 28, 1996			
	5,527,313	Scott, et al.	June 18, 1996			
	5,535,937	Boiarski, et al.	July 16, 1996			
	5,562,677	Hildwein, et al.	October 8, 1996			
•	5,569,274	Rapacki, et al.	October 29, 1996			
	5,578,052	Koros, et al.	November 26, 1996			
	5,580,067	Hamblin, et al.	December 3, 1996			
	5,603,443	Clark, et al.	February 18, 1997			
	5,607,094	Clark, et al.	March 4, 1997			
 	5,618,303	Marlow, et al.	April 8, 1997			
	5,618,307	Donlon, et al.	April 8, 1997			
	5,626,607	Malecki, et al.	May 6, 1997			
-	5,665,100	Yoon	September 9, 1997			
	5,667,526	Levin	September 16, 1997			
- <u></u>	5,688,269	Newton, et al.	November 18, 1997			
	5,732,871	Clark, et al.	March 31, 1998			
	5,735,848	Yates, et al.	April 7, 1998			
	5,735,849	Baden, et al.	April 7, 1998			
	5,735,861	Peifer, et al.	April 7, 1998			
	5,741,285	McBrayer, et al.	April 21, 1998			
	5,823,956	Roth, et al.	October 20, 1998			
	5,855,590	Malecki, et al.	January 5, 1999			
	5,893,875	O'Connor, et al.	April 13, 1999			
	5,913,842	Boyd, et al.	June 22, 1999			
	6,110,188	Narciso, Jr.	August 29, 2000			
	6,368,340	Malecki, et al.	April 9, 2002			
	Re. 28932	Noiles et al.	August 17, 1976			
	2001/031975	Whitman et al.	October 18, 2001			
	2001/0016750	Malecki et al.	August 23, 2001			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	COUNTRY	DATE	SUBCLASS	TRANSL	ATION
					YES	NO
	23 30 182	DE	January 2, 1975		Abs.	
	31 14 135	DE	October 21, 1982		Abs.	
	0 041 022	EP	December 2, 1981			
	0 293 123	EP	November 30, 1988			
	0 324 166	EP	July 19, 1989			
· · · · · ·	0 324 637	EP	July 19, 1989			
	0 365 153	EP	April 25, 1990			
	0 369 324	EP	May 23, 1990		Abs.	
•	0 373 762	EP	June 20, 1990			
	0 484 677	EP	July 5, 2000			
•	0 552 423	EP	January 7, 1998			
	0 581 400	EP	May 31, 2000			
	0 630 612	EP	December 28, 1994			
	0 639 349	EP	February 22, 1995			
	0 679 367	EP	November 2, 1995			
	1 352 554	GB	May 8, 1974			
	1 452 185	GB	October 13, 1976			
	2 048 685	GB	December 17, 1980			
_	2 165 559	GB	April 16, 1986			
	7711347	NL	April 19, 1979		Abs.	
	659146	RU	April 30, 1979		Abs.	
	WO 90/06085	wo	June 14, 1990			

OTHER DOCUMENTS

EXAMINER INITIAL	Name	Publication date	Name

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.